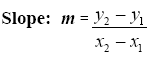
HW 2-10 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Show all work for full credit.

1) Find the slope between the points (7, 3) and (-1, 2)



2) In the equation of the line y = 3x – 2, which is the slope and the y-intercept?

(1) slope m = 3 and y intercept b = 2

(2) slope m = -2 and y intercept b = 3

(3) slope m = 3 and y intercept b = -2

(4) slope m = -2 and y intercept b = 3

3) Write an equation of the line which passes through (2, 3) and (7, - 2).

4) Write an equation of the line which passes through (3, - 7) and has slope m = 4

5) If DE is parallel to AB, find the length of AB.

